

**What Is Claimed Is:**

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1. In a fan apparatus installed to a chamber of a handler and a plurality of bearing housing installed to both ends of a <sup>40</sup> case in which a shaft connected to a rotation central shaft of a rotation motor is installed therein, the fan apparatus comprising:

a first housing having a first guide recess formed;

10 a second housing contained in the first housing and slidable therein;

a bearing being installed inside the second housing and supporting the shaft;

a plurality of labyrinths being installed at both sides of the bearing and supporting the bearing; and

15 a push cover covering the second housing inserted into the first housing.

2. The fan apparatus of claim 1, wherein a grease inlet capable of filling grease and a plug for sealing the grease inlet are combined with one side of the first housing.

25 3. The fan apparatus of claim 1, wherein a plurality of first guide recesses are formed in the direction opposite to each other on the inner circumferential surface of the first housing.

4. The fan apparatus of claim 1, wherein the second housing has the plurality of second guide recesses formed on outer circumferential surface thereof which are installed facing with the plurality of first guide recesses.

5. The fan apparatus of claim 3, wherein a plurality of keys are slidably inserted and mounted into the plurality of first guide recesses and the plurality of second guide recesses.

6. The fan apparatus of claim 5, wherein the number of the keys installed at the second guide recess and inserted into the first guide recess is the same as the second guide recesses and the first guide recesses respectively formed at the second housing and the first housing.

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